

Work Order ID 71803

Tuesday, July 12, 2011 10:30:59 AM



Page 1

Item ID: D350-561-243
 Revision ID: PRELIM
 Item Name: Dual Cargo Mirror Installation, LH
 Start Date: 7/12/2011 Start Qty: 1.00
 Required Date: 7/12/2011 Req'd Qty: 1.00
 Reference:

Accept



Setup Start



Stop



Cust Item ID:

Customer:

PRELIMINARY ISSUE

Approvals: Process Plan: MF Date: 11-07-12 Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
DSI 9564	<u>PAT ADD 11.07.12</u>

100	DOCUMENT CONTROL	0.00							
DC	Memo	0.00							
Document Control	Photocopy bluefile and create labels per PPP D350-561-243		CHG001						

to Rev PA1

8/10/12

MF 11-7-12

105	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging									

8/4/12

110	QC4- 100% Inspect kits for completeness	0.00							
QC	Memo	0.00							
Quality Control									

QC APPROVAL

-inspector to
Rev A (prel)
8/10/12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 71803

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Page 2

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Accept

Revision ID: PRELIM

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Start Date: 7/12/2011 Start Qty: 1.00

Required Date: 7/12/2011 Req'd Qty: 1.00

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Run Start

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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120



Packaging

Packaging

Packaging

Memo

Identify and pack for shipping as per PPP D350-561-243

0.00

0.00

Reodraft

11/7/12

130



QC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

0.00

11/7/12

MF

11-07-12

POSITIVE RECALL

EFFECTIVE 11/07/12 AUTH U

RELEASED 11/07/12 DATE 11.07.12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS: D350-561 REV. D

REF CANADIAN STC: SH91-20

REF FAA STC: SH856NE

REF EASA STC: 10017074

PURPOSE:

THE PURPOSE OF THIS DART SERVICE INSTRUCTION (DSI) IS TO ADD A LEFT HAND (LH) INSTALLATION TO THE EXISTING RIGHT HAND (RH) D350-561-143 DUAL MIRROR INSTALLATION. THE LH INSTALLATION WILL BE NUMBERED D350-561-243.

PROCEDURE:

INSTALL D350-561-243 AS THE MIRROR OF D350-561-143 USING THE COMPONENTS IN THE PARTS LIST OF THIS DSI WITH THE FOLLOWING EXCEPTION:

REFER TO PAGE 7, DETAIL B OF INSTALLATION INSTRUCTIONS D350-561 REPLACE THE AN3-4A BOLT WITH AN AN3-5A BOLT.

PARTS LIST:

QTY. -045	QTY. -241	QTY. -243	PART NUMBER	DESCRIPTION	
X		1	D350-561-045	MIRROR KIT	
	X	1	D350-561-241	SINGLE MIRROR INSTALLATION, LH	(ADD)
		X	D350-561-243	DUAL MIRROR INSTALLATION, LH	(ADD)
1 ✓	1		D2011-101 ✓	MIRROR	
	1		D2012-106 ✓	*ARM (REPLACES D2012-105 FOR LH INSTL)	
	1		D2012-107 ✓	CLEVIS	
	1		D2012-111 ✓	BRACKET	
2 ✓			D2012-113	CLAMP	
	1		D2012-115 ✓	BRACKET	
	2		D2022-101 ✓	SPACER	
1*	1*		D3014-1	LOCKNUT	
	1		D3629 ✓	BRACKET	

PARTS LIST CONTINUES ON SHEET 2

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: _____
D. SHEPHERD (DE # 02)

DATE: 11.07.12

CERT. NO.: SH91-20

ISSUE NO.: 3

A	NEW ISSUE	AJS	11.07.12
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		DSI 9564	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		ADD LH INSTALLATION	NTS
DATE	11.07.12	COPYRIGHT © 2011 BY DART AEROSPACE LTD	
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CONTINUED FROM SHEET 1

QTY. -045	QTY. -241	QTY. -243	PART NUMBER	DESCRIPTION
X		1	D350-561-045	MIRROR KIT
	X	1	D350-561-241	SINGLE MIRROR INSTALLATION, LH
		X	D350-561-243	DUAL MIRROR INSTALLATION, LH

(ADD)

(ADD)

	1		D3635-1 ✓	GASKET
2 ✓			D3635-3	GASKET
	1		D3646-2 ✓	ARM (REPLACES D3646-1 FOR LH INSTL)
	1		D3646-4 ✓	ARM (REPLACES D3646-3 FOR LH INSTL)
	2		D4070-041 ✓	CLAMP
2 ✓	6		AN3-5A ✓	BOLT
	1		AN3-6A ✓	BOLT
	1		AN4-10A ✓	BOLT
	3		AN4-5A ✓	BOLT
4 ✓	8		AN960JD10 ✓	WASHER
2 ✓	8		AN960JD416 ✓	WASHER
1*	1*		AN960JD416L	WASHER
2 ✓	4		MS21042L3 ✓	NUT (or MS21042-3)
	4		MS21042L4 ✓	NUT (or MS21042-4)

*INCLUDED AS PART OF D2011-101 MIRROR

REFERENCE ONLY

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: _____
D. SHEPHERD (DE # 02)

DATE: 11.07.12

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DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	AJS	
CHECKED		DRAWING NO. REV. A
MFG. APPR.		DSI 9564 SHEET 2 OF 2
APPROVED		TITLE SCALE
DE APPR.		ADD LH INSTALLATION NTS
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DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS: D350-561 REV. D

REF CANADIAN STC: SH91-20

REF FAA STC: SH856NE

REF EASA STC: 10017074

PURPOSE:

THE PURPOSE OF THIS DART SERVICE INSTRUCTION (DSI) IS TO ADD THE D350-561-241/-243 LEFT HAND (LH) MIRROR INSTALLATIONS TO THIS APPROVAL. THE LH AND RH MIRROR INSTALLATIONS ARE NOT PERMITTED TO BE INSTALLED SIMULTANEOUSLY.

PROCEDURE:

USING THE COMPONENTS IN THE PARTS LIST OF THIS DSI, INSTALL D350-561-241/-243 MIRROR INSTALLATIONS OPPOSITE TO THE D350-561-141/-143 MIRROR INSTALLATIONS SHOWN IN D350-561, WITH THE FOLLOWING EXCEPTION:

REFERING TO PAGE 7, DETAIL B OF INSTALLATION INSTRUCTIONS D350-561, REPLACE THE AN3-4A BOLTS WITH AN3-5A BOLTS.

PARTS LIST:

QTY. -045	QTY. -241	QTY. -243	PART NUMBER	DESCRIPTION
X		1	D350-561-045	MIRROR KIT
	X	1	D350-561-241	SINGLE MIRROR INSTALLATION, LH
		X	D350-561-243	DUAL MIRROR INSTALLATION, LH
1	1		D2011-101	MIRROR
	1		D2012-106	ARM (REPLACES D2012-105 FOR LH INSTL)
	1		D2012-107	CLEVIS
	1		D2012-111	BRACKET
2			D2012-113	CLAMP
	1		D2012-115	BRACKET
	2		D2022-101	SPACER
1*	1*		D3014-1	LOCKNUT
	1		D3629-1	BRACKET

(ADD)

(ADD)

PARTS LIST CONTINUES ON SHEET 2

CANADA
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APPROVED

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MFG. APPR.	N/A	DSI 9564	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		ADD LH INSTALLATION	NTS
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QTY. -045	QTY. -241	QTY. -243	PART NUMBER	DESCRIPTION
X		1	D350-561-045	MIRROR KIT
	X	1	D350-561-241	SINGLE MIRROR INSTALLATION, LH
		X	D350-561-243	DUAL MIRROR INSTALLATION, LH

(ADD)

(ADD)

	1		D3635-1	GASKET
2			D3635-3	GASKET
	1		D3646-2	ARM (REPLACES D3646-1 FOR LH INSTL)
	1		D3646-4	ARM (REPLACES D3646-3 FOR LH INSTL)
	2		D4070-041	CLAMP
2	6		AN3-5A	BOLT
	1		AN3-6A	BOLT
	1		AN4-10A	BOLT
	3		AN4-5A	BOLT
4	8		AN960JD10	WASHER
2	8		AN960JD416	WASHER
1*	1*		AN960JD416L	WASHER
2	4		MS21042L3	NUT (or MS21042-3)
	4		MS21042L4	NUT (or MS21042-4)




*INCLUDED AS PART OF D2011-101 MIRROR

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MFG. APPR.	N/A	DSI 9564	SHEET 2 OF 2
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DE APPR.		ADD LH INSTALLATION	NTS
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